

FIG. 1 PRIOR ART

00630984-080200

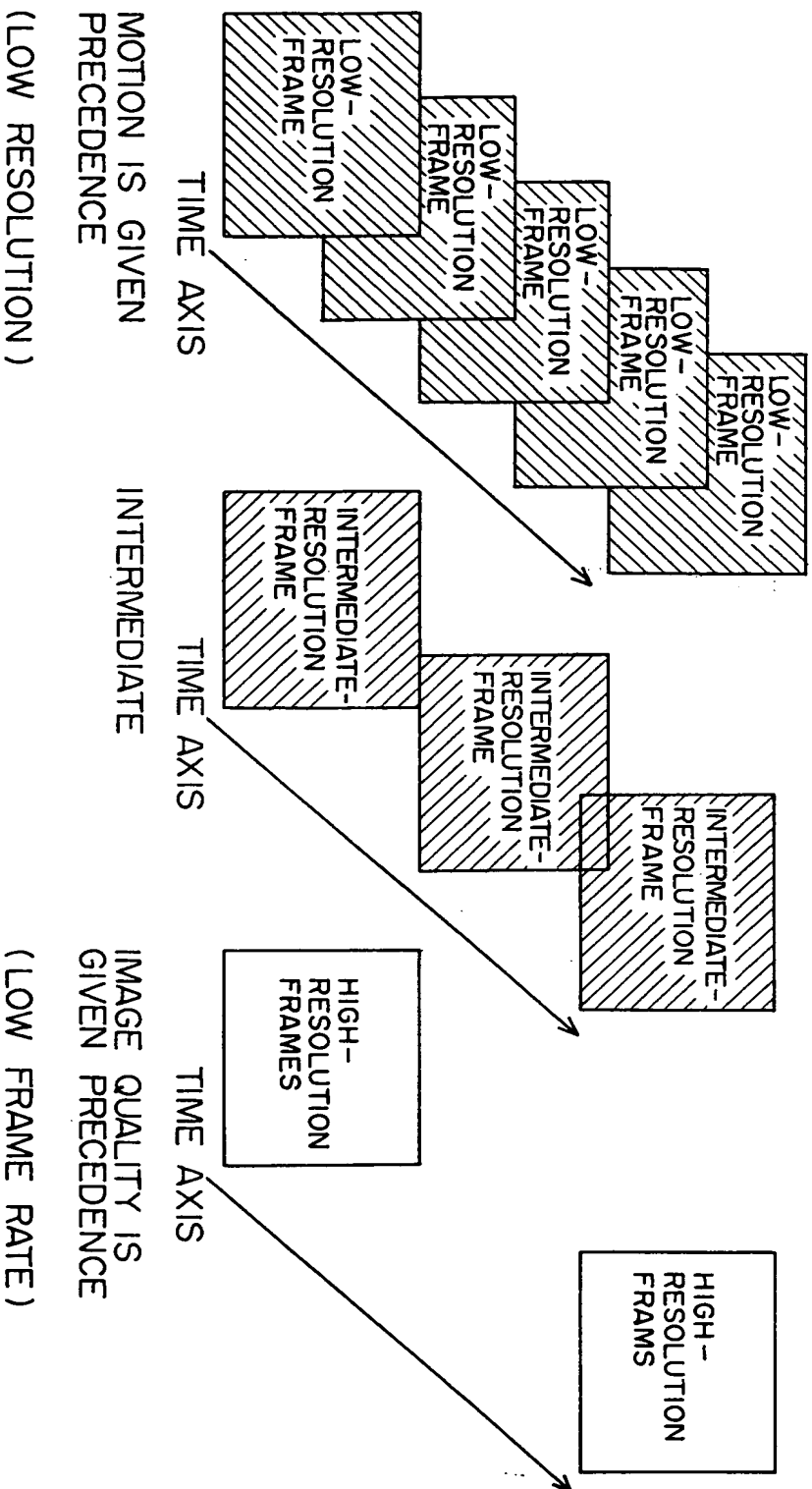


FIG. 2 PRIOR ART

09530984-080200

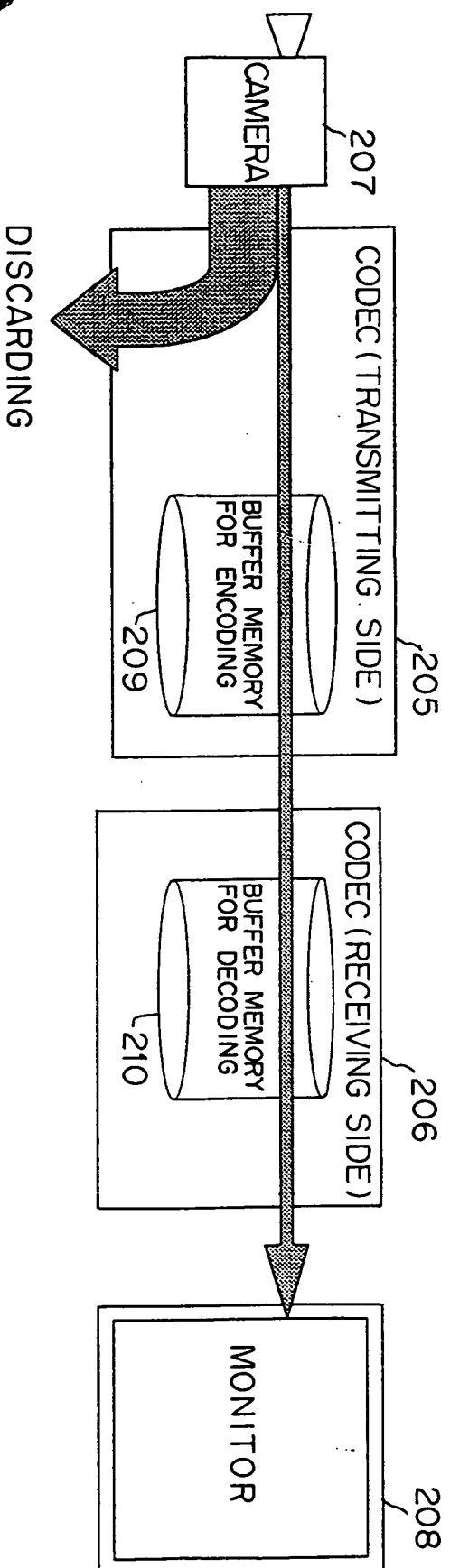


FIG. 3 PRIOR ART

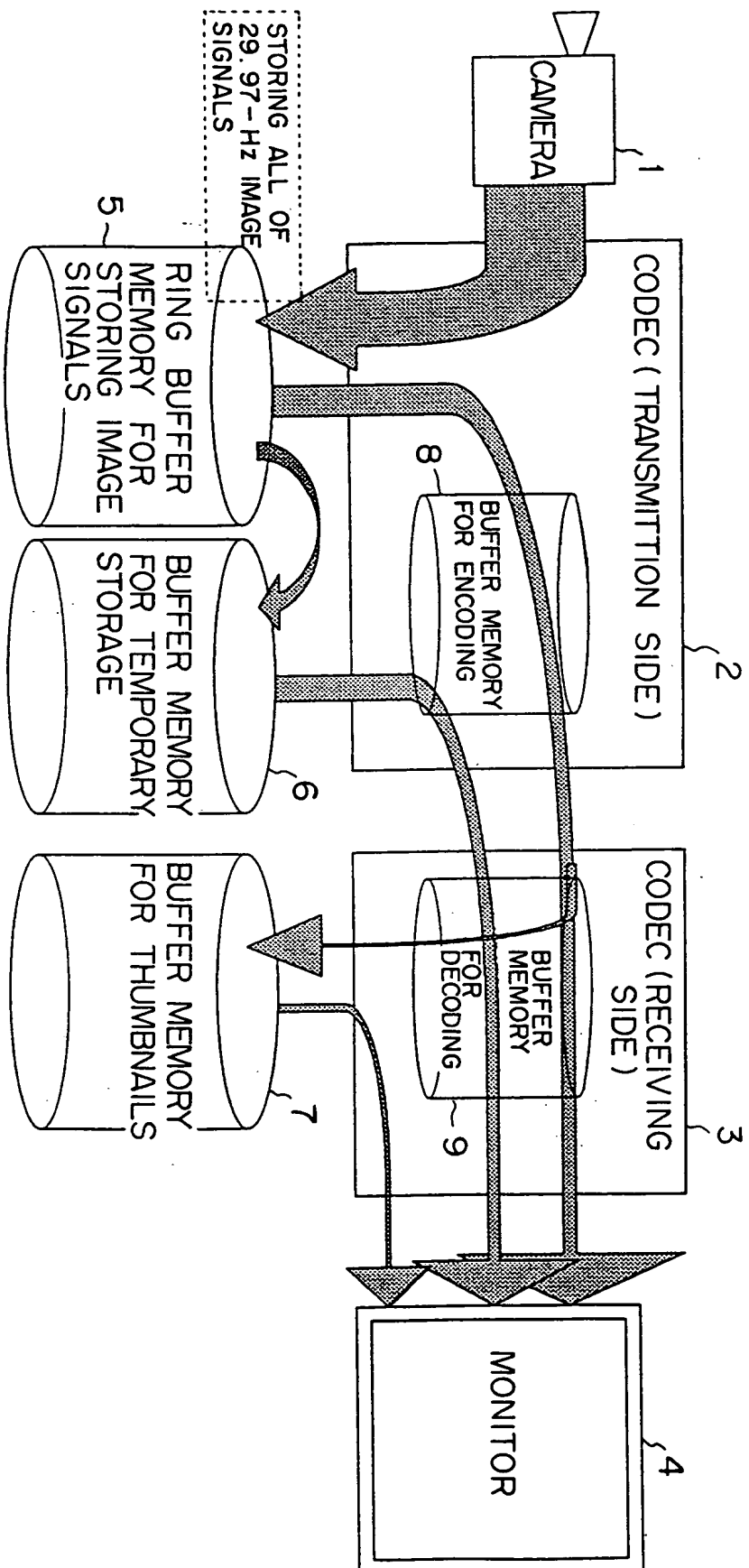


FIG. 4

002080-12602360

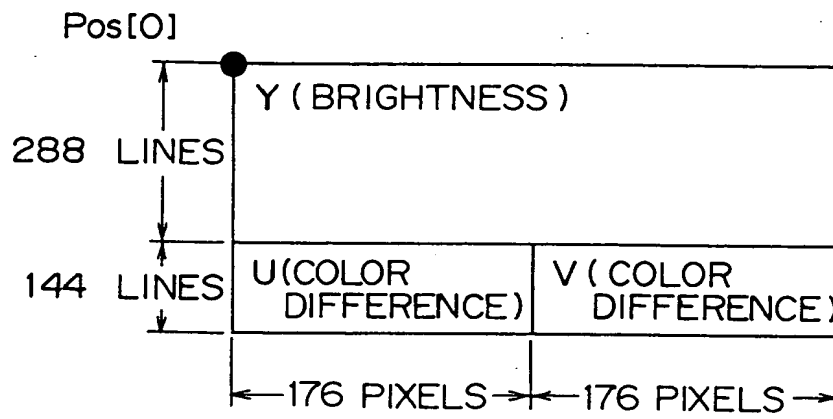


FIG. 5

(Pos[0].x, Pos[0].y)



(Pos[1].x, Pos[1].y)



(HALFWAY OMITTED)

(Pos[n].x, Pos[n].y)



(HALFWAY OMITTED)

(Pos[N-1].x, Pos[N-1].y)



FIG. 6

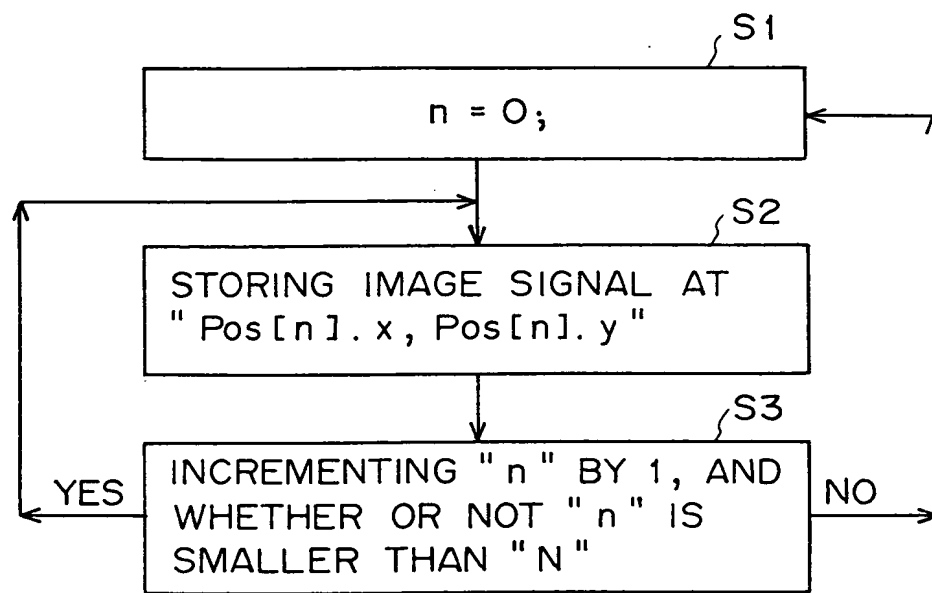


FIG. 7

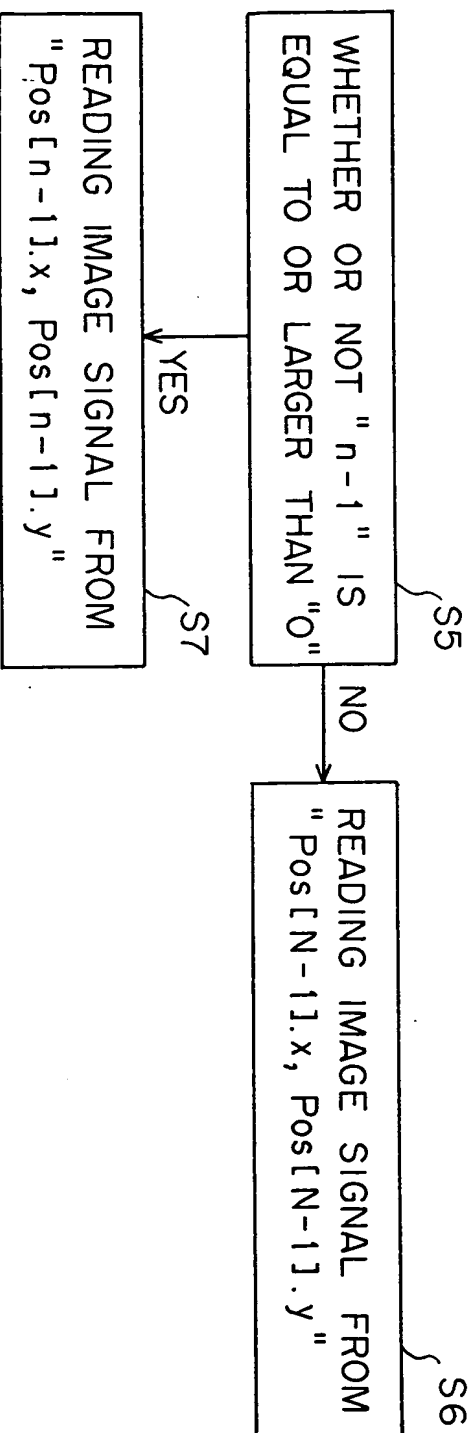
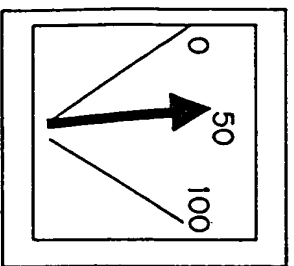


FIG. 8



FRAMES THAT ARE NOT ENCODED AND TRANSMITTED TO RECEIVING SIDE DUE TO NARROW-BAND IMAGE TRANSMISSION

FRAMES THAT ARE ENCODED AND TRANSMITTED BY PERFORMING FRAME SKIPPING DUE TO NARROW-BAND IMAGE TRANSMISSION

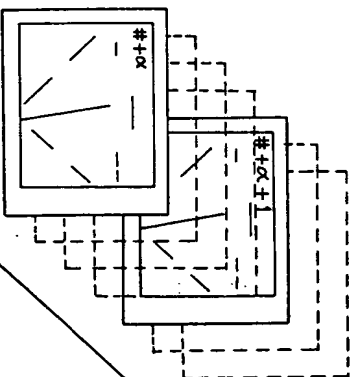
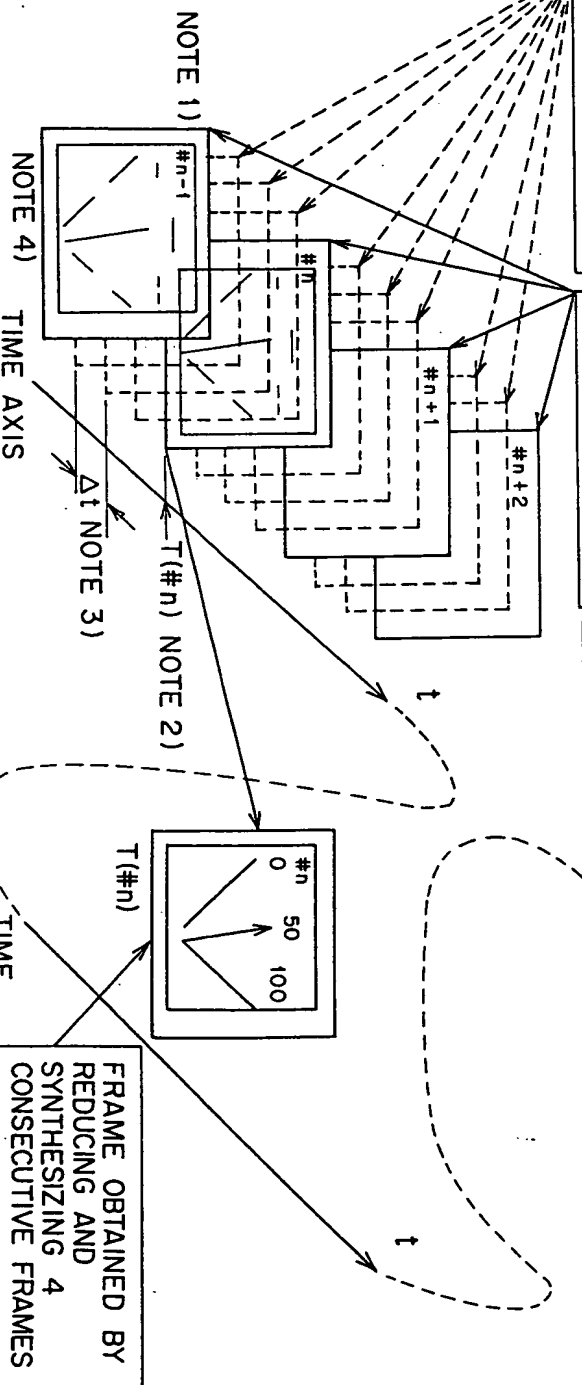
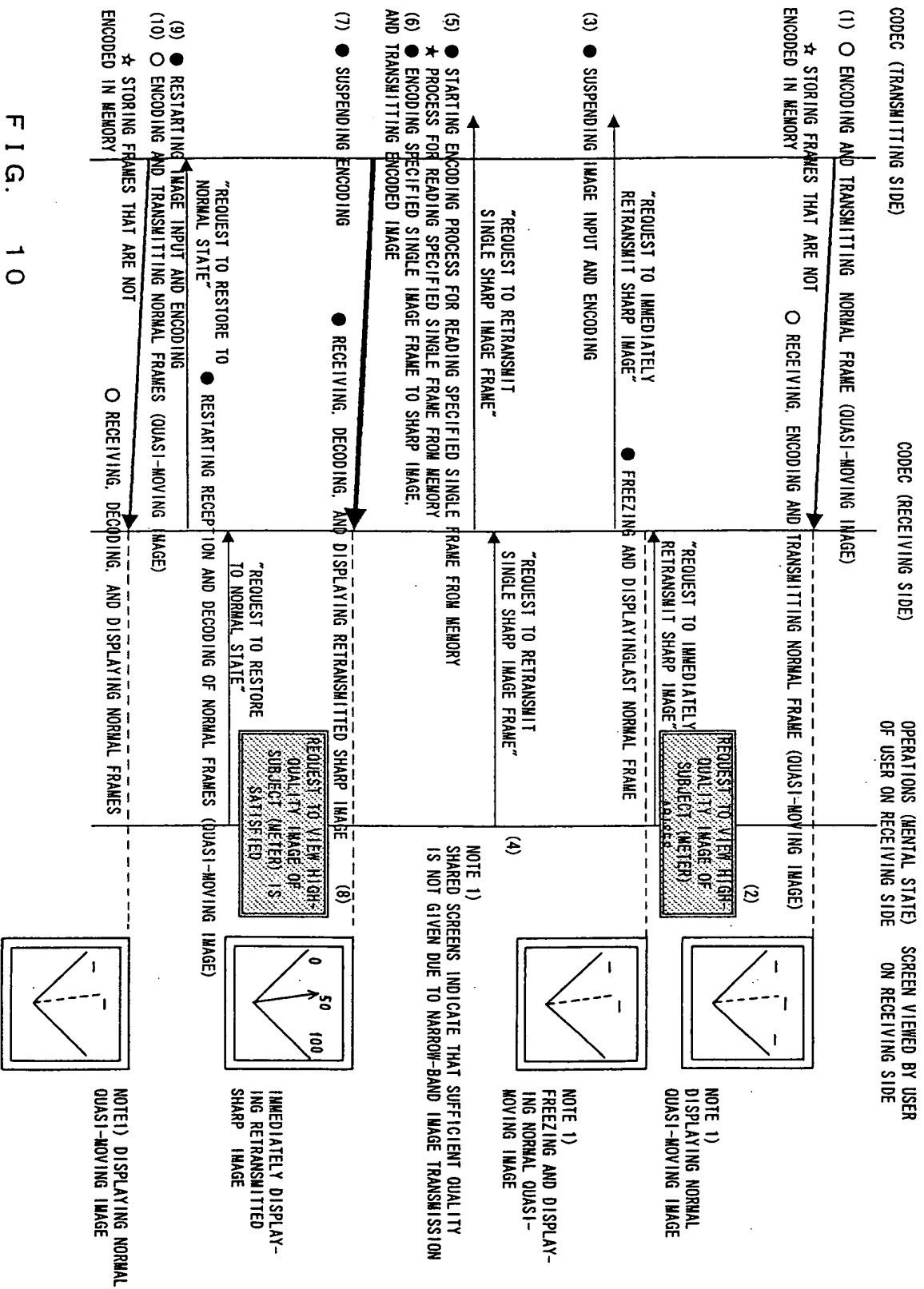
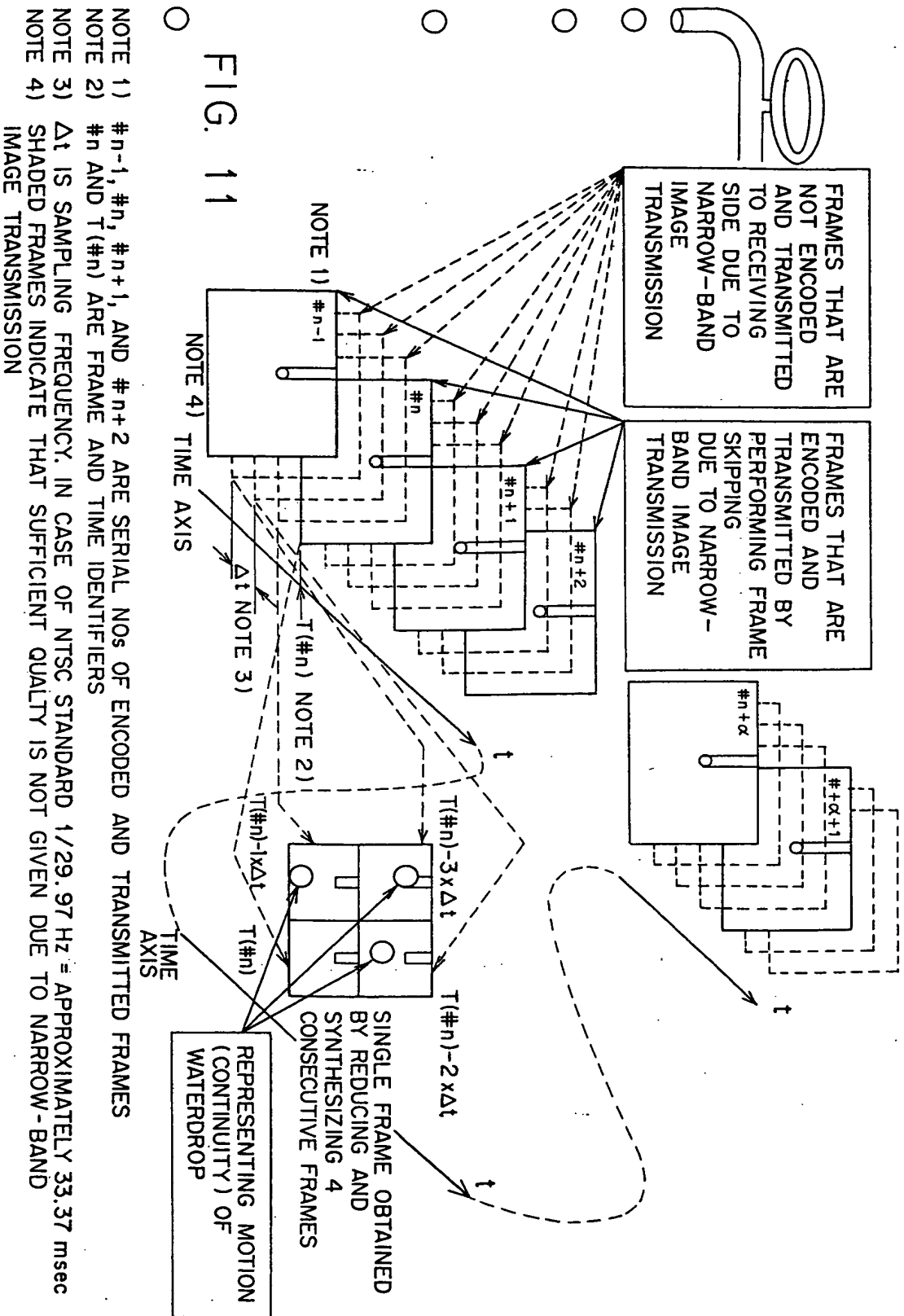


FIG. 9



- NOTE 1) $\#n-1, \#n, \#n+1$, AND $\#n+2$ ARE SERIAL NOS OF ENCODED AND TRANSMITTED FRAMES
- NOTE 2) $\#n$ AND $T(\#n)$ ARE FRAME AND TIME IDENTIFIER
- NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD $1/29.97 \text{ Hz} = \text{APPROXIMATELY } 33.37 \text{ msec}$
- NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITIES ARE NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION





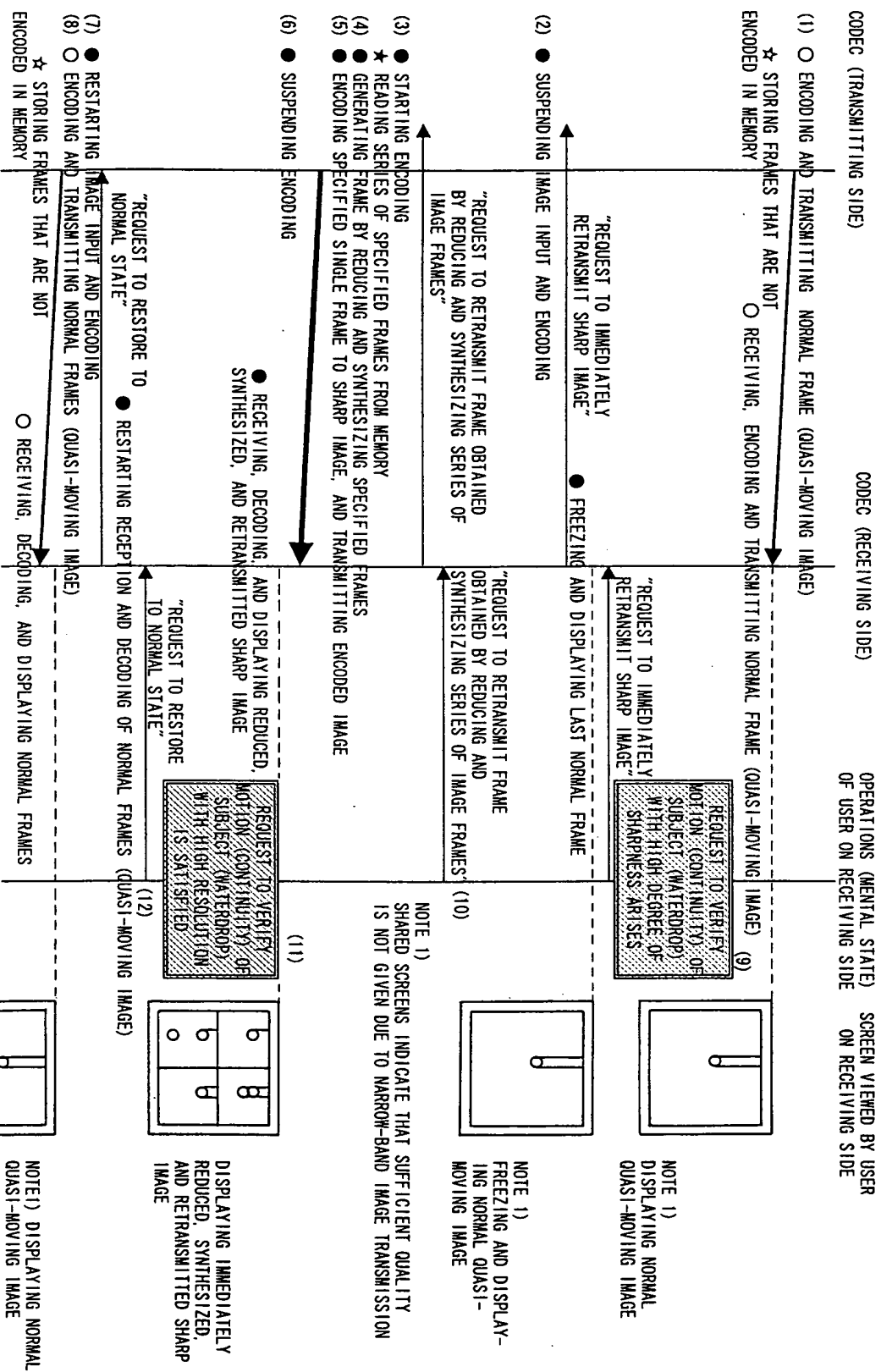
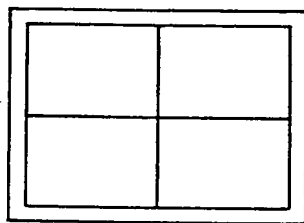


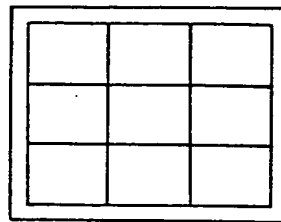
FIG. 12

THE UNIVERSITY OF CHICAGO



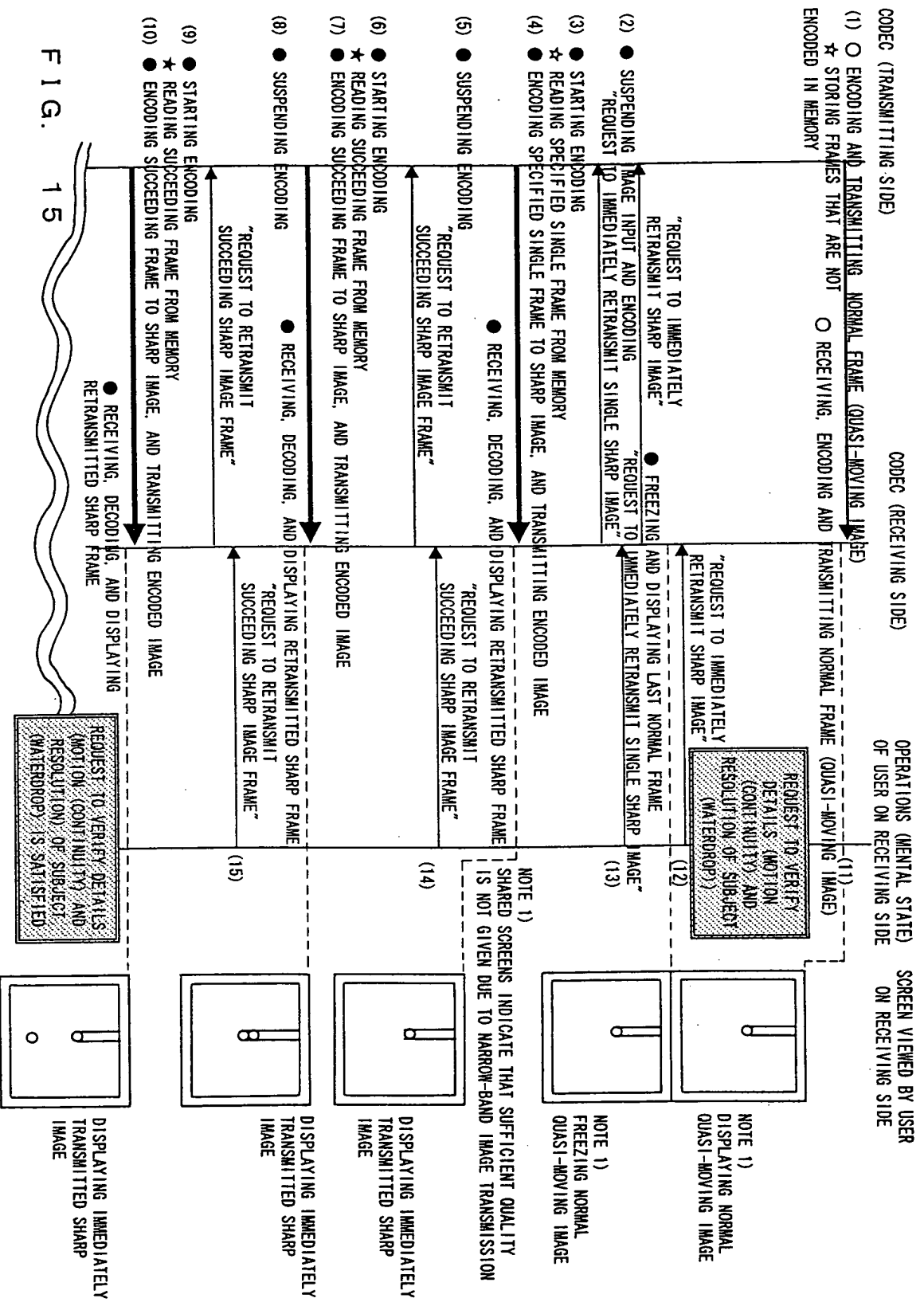
SCREEN OBTAINED
BY REDUCING AND
SYNTHESIZING 4
FRAMES

FIG. 13A



SCREEN OBTAINED
BY REDUCING AND
SYNTHESIZING 9
FRAMES

FIG. 13B



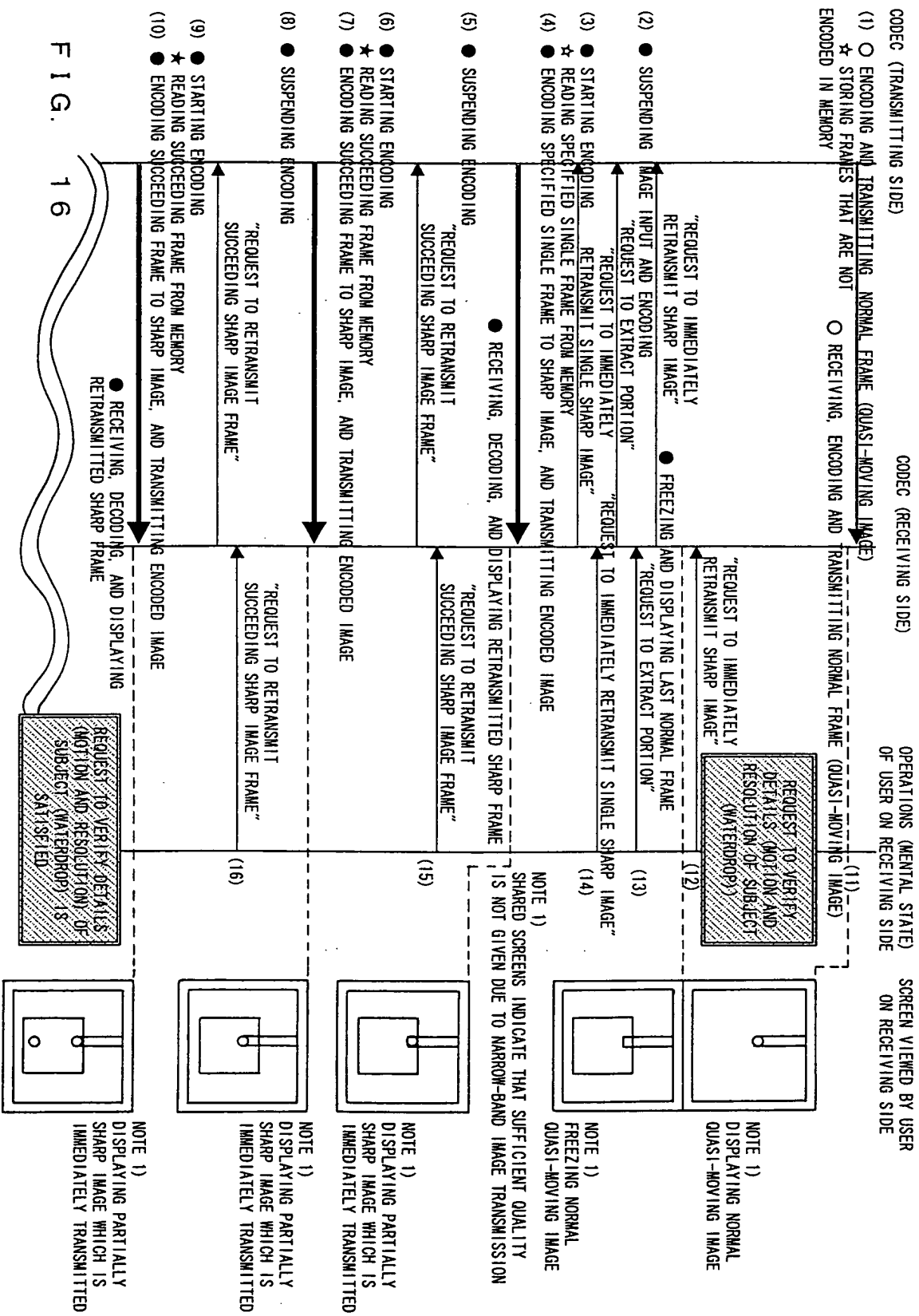


FIG. 16

00630964, 090200

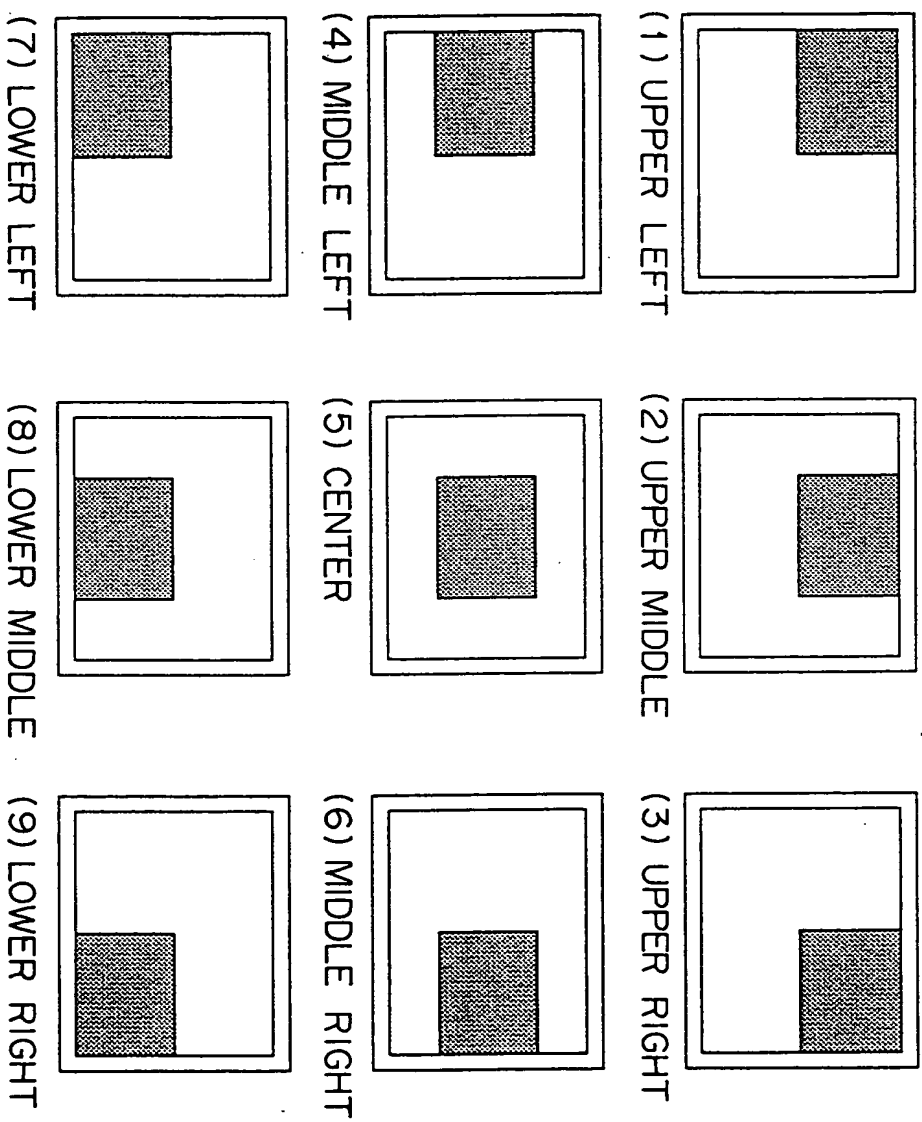
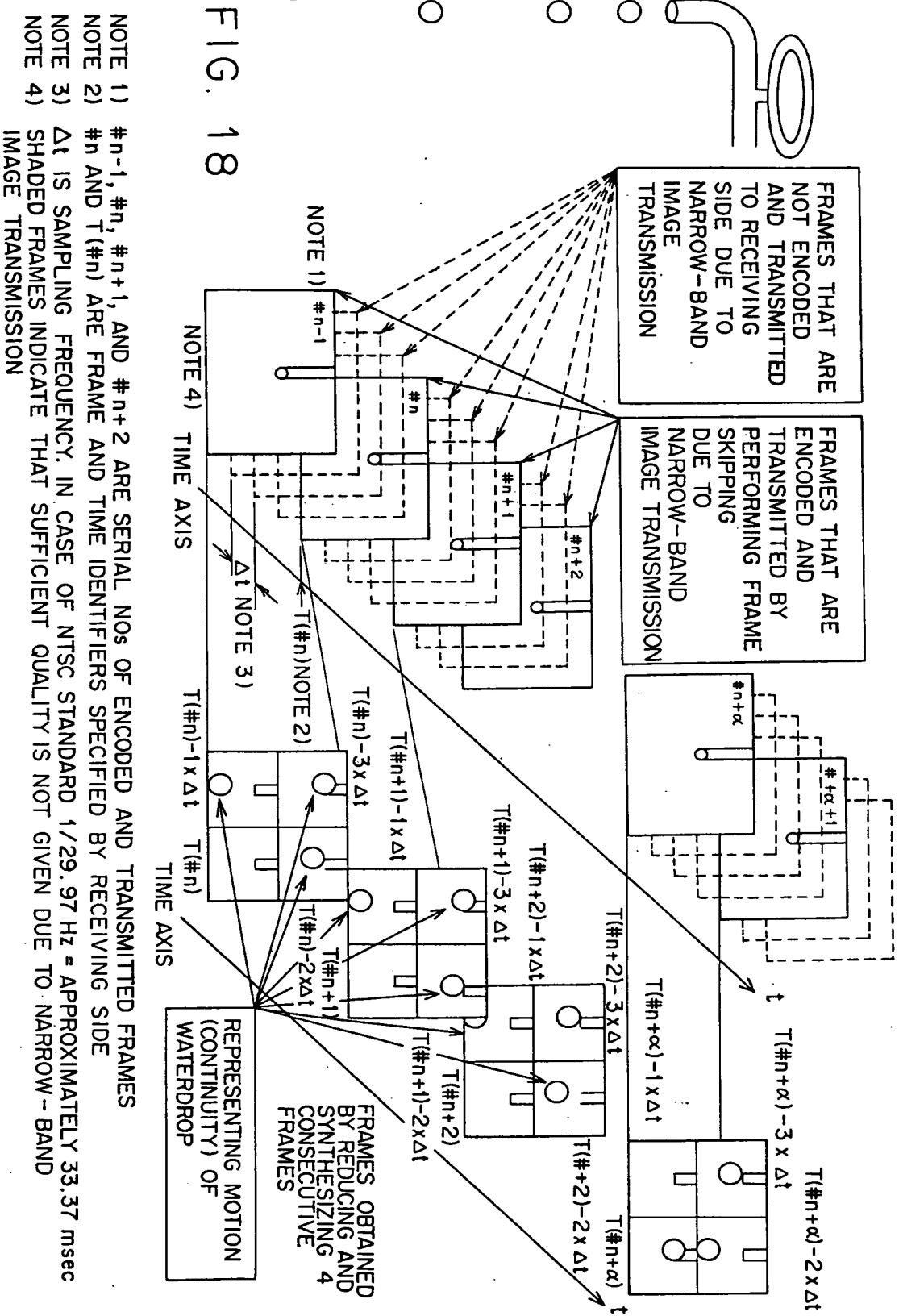


FIG. 17

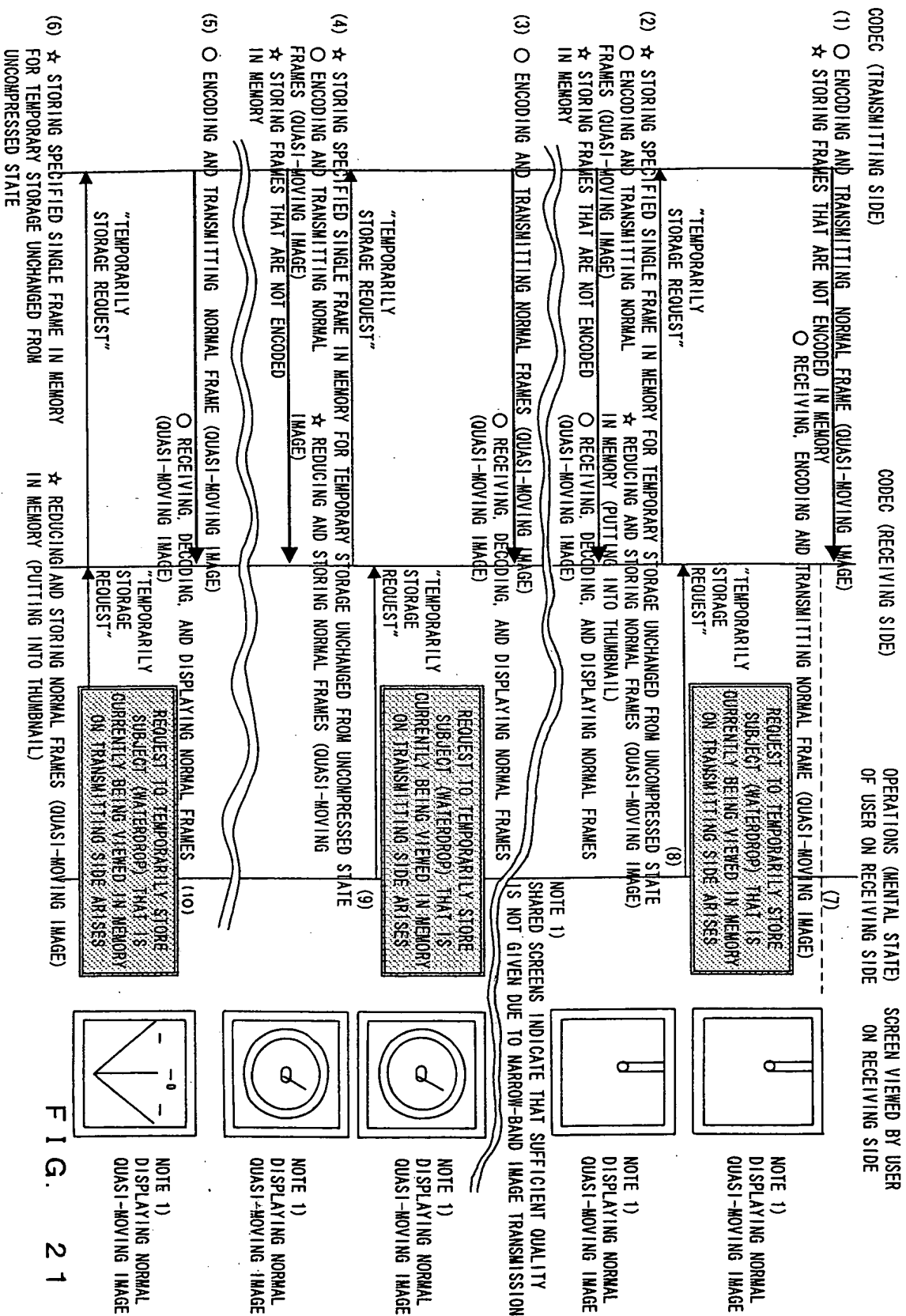


NOTE 1) #n-1, #n, #n+1, AND #n+2 ARE SERIAL NOS OF ENCODED AND TRANSMITTED FRAMES
NOTE 2) #n AND T(#n) ARE FRAME AND TIME IDENTIFIERS SPECIFIED BY RECEIVING SIDE
NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD 1/29.97 Hz = APPROXIMATELY 33.37 msec
NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITY IS NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION

NOTE 2) #n AND T(#n) ARE FRAME AND TIME IDENTIFIERS SPECIFIED BY RECEIVING SIDE

NOTE 3) Δt IS SAMPLING FREQUENCY. IN CASE OF NTSC STANDARD 1/29.97 Hz = APPROXIMATELY 33.37 msec

NOTE 4) SHADED FRAMES INDICATE THAT SUFFICIENT QUALITY IS NOT GIVEN DUE TO NARROW-BAND IMAGE TRANSMISSION



F I G. 2 1

00630984.00000000

